BRUHATH BENGALURU MAHANAGARA PALIKE
Yelahanka Division, Yelahanka Zone

Executive Engineeer
Yelahanka Division
B.B.M.P. Bengaluru - 64
No:EE/YNK-D/E-PMT/05/2014-15 Dated: 11-12-2014

APPROVED TENDER SCHEDULE –'B'

Item No: 08

Name of Work:-Construction of toilet building right side of Sandeep unni krishnan road Attur layout in Attur ward no 03

Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Sri A KUMAR REDDY	
				Rate	Rate in Words
1	KSRB 2-1.1 : Earth work in surface excavation in **Ordinary soil** for levelling and lowering the ground manually (other than foundation of buildings, culverts, road, drains and trenches of pipes lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m excavated surface levelled and neatly dressed earth to be levelled after breaking of clods and neatly dressed as per specifications specification No KBS 2.1(a) / 2.3.1 **PWD SR 2014-15 (P.5 / 2.1)**	Cum	5.00	144.16	Rupees one hundred forty four and paise sixteen only
2	KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. after breaking of clods complete as per specifications. Specification. No. KBS 2.1(b) / 2.3.5 **PWD SR 2014-15(P.5/2.4)**	Cum	23.04	259.70	Rupees two hundred fifty nine and paise seventy only
4	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix **1:4:8** using 40mm and down size graded granite metal, machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, in foundation and plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 **PWD SR 2014-15 (P.12/4.3)**	Cum	2.70	4757.20	Rupees four thousand seven hundred fifty seven and paise twenty eight only
5	KSRB 5.2-2 : Providing and constructing granite / trap / basalt size stone masonry in **foundation with cement mortar 1:6**, stone hammered dressed in courses not less than 20 cms high, bond stones, at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 **PWD SR 2014-15 (P.23/5.5)**	Cum	8.57	3610.36	Rupees three thousand six hundred ten and paise thirty six only
6	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in **basement with cement mortar 1:6**, edges of stone chisle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specification. KBS 5.1.13 **(P.23/5.9) PWD SR 2014-15**	Cum	2.65	4458.36	Rupees four thousand four hundred fifty eight and paise thirty six only

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7	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. Specification No. KBS 2.9 **(P.6/2.10) PWD SR 2014-15**	Cum	23.04	116.60	Rupees one hundred sixteen and paise sixty only
9	KSRB 15.1.3: Providing ruled pointing to coursed stone masonry with cement monar 1:3, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. **Page No. 109/ Item No. 15.3 / PWD SR 2014-15**	Sqm	5.04	91.16	Rupees ninety one and paise sixteen only
10	KSRB 5-14: Providing and constructing precast concrete solid blocks with compressive strength not less than 35Kg/sqm with cement morta 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. (P25/5.34)	Sqm	49.39	923.26	Rupees nine hundred twenty three and paise twenty six only
11	KSRB 4.2.2: Providing and laying in position reinforced cement concrete of mix 1:1.5:3 with **20mm (M20)** and down size graded granite metal, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for ground floor level for roof slabs, staircase, lintel, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, coping, bed struts, buttresses, string or lacing courses, parapets, coping, bed blocks, plain window cils, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No KBS 4.1, 4.6 **(P.No.13/4.11) PWD SR 2014-15**	Cum	2.92	5952.96	Rupees five thousand nine hundred fifty two and paise ninety six only
12	KSRB 4.2.11 : Providing and laying in position reinforced cement concrete of mix 1:1.5:3 with 12 mm and down size graded granite metal, machine mixed, well compacted for plain chajja of 8.5 cms average thickness, upto ground floor lever, including cost of all materials, labour, HOM of machinery, curing, complete as per specification. Specification NO. KBS 4.1, 4.6 **Page No. 14/ Item No. 4.20/ PWD SR 2014-15**	Sqm	1.62	507.74	Rupees five hundred seven and paise seventy four only
13	KSRB 4.9.2 : Providing T.M.T Steel reinforcement for R.C.C work including straighening, cutting, bending, looking, placing in position, lapping and / or welding wherever required , tying with binding wire and anchoring to the adjoining memebers wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 **PWD SR 2014-15(P.NO17/4.46)**	Cum	3.30	7750.20	Rupees seven thousand seen hundred fifty nine and paise twenty only
14	KSRB 15-3.10 : Providing 20mm thick cement plaster in single coat with cement mortar 1:3, to stone masonry and concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. **PWD SR 2014-15(P.110/15.16)**	Sqm	12.65	249.10	Rupees two hundred forty nine and paise ten only
15	KSRB 15.3.13 : Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. **Page No. 110/ Item No. 15.21 / PWD SR -2014-15**	Sqm	8.40	183.38	Rupees one hundred eighty three and paise thirty eight only

Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Sri A KUMAR REDDY	
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16	KSRB 15.3.12 :Providing 20mm thick cement plaster in single coat with cement mortar 1:6, to stone masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. **Page No. 110/ Item No. 15.20 / PWD SR 2014-15 (Inside wall)**	Sqm	36.86	196.10	Rupees one hundred ninety six and paise ten only
17	KSRB 15-7 : Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications. **(P.111/15.33 PWD SR - 2014-15**	Sqm	45.26	21.20	Rupees twenty one and paise twenty only
18	KSRB 15.3.9: Providing 18mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications **Page No. 110/ Item No. 15.17 / PWD SR** 2014-15 (Out side Wall)	Sqm	66.52	185.50	Rupees one hundred eighty five and paise fifty only
19	KSRB 14.14.3: Providing white glazed tiles of size 6mm thick for flooring, treads of steps and landing, laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing using white cement including cost of materials, labour, complete as per specifications. Specification No. KBS 14.15.1. **Page No. 93/ Item No. 14.34 / PWD SR 2014-15**	Sqm	12.96	793.94	Rupees seven hundred ninety three and paise ninety four only
20	KSRB 14.14-5: providing Ceramic tiles of size 15 x 15Cms approved make, shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing, complete as per specifications. **Page No. 102/ Item No. 14.36 / PWD SR 2014-15**	Sqm	7.92	888.26	Rupees eight hundred eighty eight and paise twenty eight only
21	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 **Page No. 15/ Item No. 4.29/ PWD SR 2014-15**	Sqm	12.19	561.80	Rupees five hundred sixty one and paise eighty only
22	KSRB 4-6.10 : Providing and removing centering, shuttering, strutting, propping etc., for chajjas corbels etc., including edges including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 **Page No. 16/ Item No. 4.37/ PWD SR 2014-15**	Sqm	1.62	265.00	Rupees two hundred sixty five only
23	KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 **Page No. 15/ Item No. 4.32/ PWD SR 2014-15**	Sqm	15.12	358.28	Rupees three hundred fifty eight and paise twenty eight only

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24	Providing and fixing cold rolled perepainted steel windows of IS standards, made out of 0.6mm thick deep drawing quality galvanished on both sides 120gms/sq.mtr. Primer coat upto 5microns with thermosetting epoxy rosin and finish painted with a polyester based paint 20microns thick. The size of profiles in approximately 46x52mm for external formes, 46x46mm section for shutters, 46x70mm section for centre mullion/transom and 18x31mm section is for fixing glasses. The section should be cut to length joint mitred and assembling by means of corner brackets made out of cold rolled cold annealed strips of 1.2mm thick duly galvanised and fixed with nickle plated self taping screws. The shutters are provided with approved quality of fixures like handles made out of zamac alloy die cast and powder coated, retsiver made out of glass filled nylone and hinges made out of CRCA powder coated. 4mm tinted glass should be fixed with EPDM gaskets. Guard bars fabricated out of 10mm square bright bars shall be fixed horizonatally at 125mm C/C by revelting to the external frame. The abovve frames are fixed to the concrete / masonry walls by means of self expanding screws." PWD SR 2013-14 (P.37 / I. 7.24(d))	W	2.16	4505.00	Rupees four thousand five hundred five only
25	SOLID PANEL PVC DOOR SHUTTER Providing and fixing 30 mm thick factorily made rigid foam panelled door shutters made from M.S ruvle of 19 gauge thickeness size 19x19 mm fro styles and 15x15mm for top and bottom rails, coverted with heat moulded PVC channel of 5 mm thick sheet & 30 x 50mm wide to form styles & 5mm thick & 75mm wide PVC sheets for top rail, lock rail & bottom rail on either side & 5mm thick 20mm wide PVC sheet as gap insen for top rails & bottom rail panelling of 5 mm thick 20mm wide PVC sheet fitted in te M.S Frame sealed to the styless & rails with 5 x 30mm PVC sheet beading on owithor sides & joined together with solvent cement adhesive etc., complete as per manufactures specification & direction of Engineer - in charge fixed to frames with 3 nos. of 75mm Aluminium hinges Page No. 52 / Item No. 8.83 / PWD 2014-15Providing & fixing factory made PVC Door frame of size 50x47 mm with a wall thickness of 5mm, made out of extruded 7mm rigid PVC foam sheet metered cut at corners & jointed 2Nos of 150mm long brackets of 15x15 mm M.S. Square tube of 19 gauge. The door frame to be fixed to the wall using M.S. Screws of 65/80mm size complete as per manufactures	Sqm	7.29	550.14	Rupees five hundred fifty and paise fourteen only
26	KSRB 15-14.1 : Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after thoroughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labours, complete as per specifications PWD SR 2014-15(P.101/I. 15.45)	Sqm	45.25	65.72	Rupees sixty five and paise seventy two only
27	KSRB 15-16.1: providing and finishing external walls in low coats with water proof cement paint of approvo brand and shade to give an even shade after thourghly brooming the surface to remove all dirt and losse powdered material, free from mortar dops and other foreign matter cost of marerials, labours, complete as per specifications PWD SR 2014-15 (P.102/15.53)	Sqm	66.52	57.24	Rupees fifty seven and paise twenty four only

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28	KSRB 11-2 : Providing and fixing white vitreous china clay, water closets Orissa pattern of size 580 x 440mm with integral type footrests, 100m S or P trap, 10 litre low level, P. V. C. flushing cistern (all are approved make) with fittings, C.I. / M.S. brackets, 32mm diameter flush pipe fittings and clamps, overflow arrangements with specials and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS **Page No. 74/ Item No. 12.2 PWD SR 2014-15**	Sqm	4.00	4523.02	Rupees four thousand five hundred twenty three and paise two only
29	KSRB 5.2-1 Providing and constructing granite / trap / basalt rubble stone masonry in foundation with mud mortar, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.12 **Page No. 23/ Item No. 5.4/ PWD SR 2014-15**	Sqm	5.79	2544.00	Rupees two thousand five hundred forty four only
30	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar(1:6) including fixing curing etc, complete 18 cms thick and above **Page No. 24/ Item No. 5.31.3/ PWD SR 2014-15**	Sqm	3.24	691.12	Rupees six hundred ninety one and paise twelve only
31	KSRB 8.6-5: Providing and fixing in wall surface 2.5 kg/sq.cm H.D.P.E. rain down water pipes 90 mm outer dia approved make and brand with necessary specials like shoes bends and offsets fixed with iron clamps, walls plugs, screws, including cost of materials, labour, complete as per specifications. **Page No. 42/ Item No. 8.16/ PWD SR 2014-15**	Rmtr	6.00	418.70	Rupees four hundred eighteen and paise seventy only
32	KSRB 13-1.3 : Providing and fixing to wall, ceiling and floor galvanised/mild steel tube 25mm dia nominal bore with fittings (medium grade weight 1.65 Kg/mtr) B class including cost of all materials, labour charges, HOM of equipments and testing specification No. KBS 13.2.14/13.8 (P. 79/13.3)	Rmtr	11.00	316.94	Rupees three hundred sixteen and paise ninety four only
33	KSRB 13-4.1 : Making connection of G.I distribution branch with G.I main of 25 to 40mm. nominal bore including cutting and threading the pipes providing and fixing Tee, nuts, labour for all items of works testing and HOM of equipments complete as per specifications.(P No - 80 I No - 13.34)	Rmtr	3.00	625.40	Rupees six hundred twenty five and paise forty only
34	KSRB 13-6.3-1 : Providing and fixing in position brass gate valve with CI wheel of approved quality (screwed end) 25mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No. KBS 13.2.2/13.3 (P. 81/13.631)	Rmtr	2.00	344.50	Rupees three hundred forty four and paise fifty only
35	Providing and fixing **CI Nahani** trap of approved make fixing in CC 1:2:4 and plastering with CM 1:3 wherever necessary rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot) (P.No - 77 I No.12.113)	Rmtr	4.00	302.10	Rupees three hundred two and paise ten only
36	KSRB 13-11.1 : Providing and placing on terrace, polyethylene water storage tanks with manhole and suitable locking arrangements making of suitable diameter for inlet, outlet and over flow pipes including cost of all materials labour, transport charges, HOM of equipments and testing complete as per specifications (For 1000 litre capacity) Specification No. KBS 13.22 (P. 83/13.78)	Rmtr	1.00	8851.00	Rupees eight thousand eight hundred fifty one only

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37	Supplying and wiring adoptiong loop system in existing PVC conduit /casing caping using copper PVC insulated multi strand 2x1.5Sqmm copper wire with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/gang box, the other end of the wires shall be terminated with sufficient loose legnth in a wood/PVC round block, complete for each outlet. (P.4/I.8.I.C) Electrical SR	Rmtr			
	b) Medium point above 3Mtr upto 6Mtr from tapping point to out let via switch		2.00	175.00	Rupees one hundred seventy five only
	c) Long point above 6Mtr upto 10Mtr from tapping point to out let via switch		2.00	368.00	Rupees three hundred sixty eight only
	c) Long point above 6Mtr upto 10Mtr from tapping point to out let via switch				
38	Supplying 6A flush /projected type socket and a 6 amps flush/projected type SP switch either surface mounting in a gang box or in a 4mm thick plastic sheet and fixing over a flush mounted wooden box and wiring using necessary capacity wires as required. (P.6/I.12a) Electrical SR - 2014-15	Each	2.00	91.00	Rupees ninety one only
39	Supplying and flush mounting teak wooden box without front plank, made of not less than 12mm thick wood, after due groove cutting, necessary masonry patch work complete. (P.4/I.6) Electrical SR - 2014-15	Each			
	a) 4"x4"x3"		2.00	44.00	Rupeesforty four only
	b) 12"x12"x3"		2.00	98.00	Rupees ninety eight only
	c) 10"x7"x3"		2.00	68.00	Rupees sixty eight only
40	Supplying 4mm thick plastic sheet with necessary nitches for fixing switches regulated etc., and fixing on existing wooden or metal box using N.F. screws., (P.10/I.22) Electrical SR - 2014-15	Sqm	60.00	0.22	rupee twenty two only
41	Extra for groove cutting, plastering and colour washing for embedding PVC conduit/GI pipe and plastering finishing the wall upto wall surface complete upto 50mm conduit in brick in wall (P.3/I.7a) Electrical SR - 2013-14	Rmtr	10.00	14.00	Rupees fourteen only
42	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipments on the meter board using 40mm dia 2.90 mm thick GI pipe 2.5 mtr long buried in a pit..... The pit should be filled with equal proportion of salt and charcoal 150 mm alround the pipe to complete depth. The connection from the pipe to the conduit etc, is to be established through GI wire of size as per IS1 specification 7.3.3 of IS 732 using 12 mm dia bolts, nuts, washers and checknuts etc, the pipe shall have 16 through holes of 122 mm dia. (P.66/I.2) Electrical SR - 2014-15.	Each	1.00	3000.00	Rupees three thousand only
43	Supplying and fixing of porcelain fuse chanel with cut out on existing wooden/panel using ncessary nuts, bolts and washers etc complete (P.32/I.3a) Electrical SR - 2014-15.	Each	4.00	54.00	Rupees fifty four only

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44	Supplying 20mm dia 2mm thick heavy guage PVC conduit pipe with suitable size bends, metal junction boxes, adhesive paste etc and running before concreting the slabs. The conduit should be tied to the reinforcement roads by using binding wire and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures and run with 18 SWG GI fish wire run throughout the conduit wherever necessary. (P.2/I.2a) Electrical SR - 2014-15	Rmtr	10.00	32.00	Rupees thirty two only
45	Supplying and fixing PBBC brass/Bakelite straight or slant batten holder and wiring, within 60W/230 Volts lamps. (P.13/I.12a) Electrical SR - 2014-15.	No	2.00	60.00	Rupees sixty only
46	Supply patty type fluorescent tube light fitting of 4 feet 40 watts fluorescent tube of 230 volts made of M.S. sheet and stove enameled with heavy duty polyfill aluminum choke, starter, locking type brass contact holders mounted on foldable type sheet base fully wired for use on 230 volts AC supply including 1 Nos 4'-36/40 watts fluorecent tube A Group (P.16/I.2a) Electrical SR - 2014-15	No	2.00	400.00	Rupees four hundred only
47	Wiring for lighting / power circuit using one of PVC insulated 1100v/grade mutbes and copper conductor single core cable in open or concealed system of wiring A Group materials 1.50 Sqmm materials (P.9/I.20Ib) Electrical SR - 2014-15	Rmtr	50.00	15.00	Rupees fifteen only
48	Supplying and running of GI / Copper conductor for grounding & (along with other wires of CTS or conduit system of wiring) using if necessary suitable size clamps bolts nuts and washers etc. (P.68/I.3Ic) Electrical SR - 2014-15 c) 40X6mm	Rmtr	6.00	221.00	Rupees two hundred twenty one only
49	Supplying and fixing miniature circuit breakers/isolators on existing MCB distribution boards using necessary fixing materials and wiring complete as required (P.36/I.12Ba) Electrical SR - 2014-15	No	1.00	370.00	Rupees three hundred seventy only
50	Supplying capacitor type ceiling fan complete with down rod blades, shakle, regulator canopies etc., for operation on 230 volts, 50 cycles. Single phase AC supply conforming to ISS-374-1979 and with double ball bearing system and as per technical data approved (Airsonord, Unique ISI, Crompton, Khaitan, Polar, Usha, Johnson make) (P.23/I.23IIa) Electrical SR - 2014-15	No	3.00	1200.00	Rupees one thousand nine hundred only
51	Fixing a ceiling fan of all capacities and all types to the existing S hook with fan regulator to the existing board together with supplying and fixing a 5 ampers ceiling rose, necessary length of 23/0.0076 inch PVC insulated twin twisted copper wire and wiring completely. (P.29/I.8) Electrical SR - 2014-15	No	1.00	105.00	Rupees one hundred five only
52	Supplying and fixing 32mm dia class A GI pipe bracket upto 2 mtrs long bent at suitable angle and fixing to this bracket 1x40/2x40 watts fluorescent tube street light fitting of all capacities to GI or CI or rail or RCC pole/wall using suitable clamps, bolts, and nuts and wiring using suitable capacity wires complete. (P.26/I.12b) Electrical SR-2014-15	No	1.00	600.00	Rupees six hundred only
53	Digging of trench of 0.6m deep x 0.50mtr wide refilling the trench to the required ground level and consolidating etc., complete. In Hard Soil (P.70/I.6b) Electrical SR - 2014-15	Rmtr	3.00	40.00	Rupees fifty only

A. Kumar Reddy
Signature of the Contractor

Executive Engineer
Yelahanka Division,
BMP, Bangalore-64